

WHAT IS CLAIMED IS:

1. A cutting block (26) for a sawing machine (20) for sawing stone blocks (34) into slabs, comprising a pair of opposed yokes (40, 41) for tensioning a plurality of blades (44) by means of tie-bars (46, 47) with spurs, wherein said tie-bars (46, 47) which hold the blades (44) have a single spur (62, 64, 80, 82) between two blades (44) placed side by side.

2. A cutting block (26), according to claim 1, wherein said spur (62, 64, 80, 82) constitutes a spacing straightedge for the said two blades (44) placed side by side.

3. A cutting block (26), according to claim 2, wherein said spur (62, 64, 80, 82) has lateral surfaces (63, 65, 84, 86), for the support of said two blades (44) placed side by side, arranged at a predetermined distance.

4. A cutting block (26), according to claim 1, wherein each tie-bar (46, 47) has on its flanks of the end (58, 60) for coupling to the blade (44) two opposed channels with L-shaped profile constituting incomplete seats (66) for said blades (44) placed side by side.

5. A cutting block (26), according to claim 2, wherein said tie-bars (46, 47) co-operate with plate-like reinforcing members (76, 78) alongside, provided with a spur (80, 82).

6. A cutting block (26), according to claim 5, wherein said reinforcing members (76, 78) are coupled by pressure to the flanks of the tie-bars (46, 47).

7. A cutting block (26), according to claim 6, wherein said reinforcing members (76, 78) are connected to the flanks (88, 90) of the tie-bars (46, 47) by threaded means (92) screwed into threaded holes (94) provided in (the bar⁽⁹⁾ (68)) of the tie-bars (46, 47).

8. A cutting block (26), according to claim 7, wherein said threaded means (92) have a head (96) which is countersunk in seats (98) provided in the reinforcing members (76, 78).

9. A cutting block (26), according to claim 8, wherein said seats (98) are conical and receive conical heads (96) of screws (92).

10. A cutting block (26), according to claim 1, wherein the tie-bar comprises a bar and wherein each spur (62, 64, 80, 82) extends from the bar of the tie-bar in the manner of a hammer-head.

11. A cutting block (26), according to claim 10, wherein said spur (62, 64, 80, 82) constitutes a warp-preventing guide for the blades (44) placed side by side.

12. A cutting block (26), according to claim 1, wherein each spur (62, 64, 80, 82) is provided with a through hole (70) that can be aligned with a corresponding through hole (72) provided in (the coupling end) of the blade (44) for receiving a connecting pin (74).

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13. A cutting block (26), according to claims 5 and 12, wherein the lateral surface (84, 86) of the spur (80, 82) provided at the end of the plate-like reinforcing member (76, 78) constitutes an abutment for said connecting pin (74).

14. A cutting block (26), according to claims 5 and 12, wherein the spur (80, 82) of the plate-like reinforcing member (76, 78) has a through hole (100) coaxial with the through hole (70) of the co-operating tie-bar (46, 47) and having a smaller diameter.

15. A cutting block (26), according to claim 1, wherein the flanks of the end of each of said tie-bars (46, 47) co-operate with the opposed flank of the tie-bar (46, 47) alongside, constituting attachment seats for the ends of the blades (44).

16. A cutting block (26), according to claim 1, wherein said tie-bars (46, 47) are arranged with the flanks in mutual contact.

17. A cutting block (26), according to claim 16, wherein each tie-bar (46, 47) has a channel with L-shaped profile which constitutes an incomplete attachment seat for the blade (44).

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